

Title (en)

METHOD FOR REDUCING MUSCLE FATIGUE THROUGH ADMINISTRATION OF ADENOSINE TRIPHOSPHATE

Title (de)

VERFAHREN ZUR VERRINGERUNG DER MUSKELERMÜDUNG DURCH VERABREICHUNG VON ADENOSINTRIPHOSPHAT

Title (fr)

PROCEDE PERMETTANT DE REDUIRE LA FATIGUE MUSCULAIRE PAR ADMINISTRATION D'ADENOSINE TRIPHOSPHATE

Publication

**EP 1406495 A1 20040414 (EN)**

Application

**EP 02739708 A 20020604**

Priority

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Abstract (en)

[origin: WO02098226A1] Systems and methods for delivering oral administration of ATP in a manner that protects the ATP from degradation by gastric juices through enteric coating to enhance absorption into the blood stream and provide additional therapeutic benefit when compared with non-protected forms of ATP. Said systems and methods comprising a composition used for improving muscle torque and reducing muscle fatigue, said composition comprising an effective amount of ATP. Preferably, a gastric acid secretion inhibitory coating is applied to the effective amount of ATP in a manner that protects the ATP from degradation by gastric juices. Said systems and methods effecting intracellular and extracellular ATP concentrations and increasing human performance by reducing muscle fatigue and recovery time which comprises administering an effective amount of ATP to a human. Alternatively, an effective amount of ATP may be administered sublingually, thereby avoiding exposure to gastric juices. The effective amount of ATP may be delivered by means of a tablet, granules, microgranules or powders.

IPC 1-7

**A01N 43/04**; **A61K 31/70**

IPC 8 full level

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CPC (source: EP KR US)

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